Docket No : RJC00020   Appln No   09/767,476

Title: Intelligent Network and Method for Providing Voice Telephony over ATM
and Closed User Groups
Inventor(s):   Hall et al.

Sheets of Drawings: 1   of   6

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FIG. 1

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Title. Intelligent Network and Method for Providing Voice Telephony over ATM
and Closed User Groups
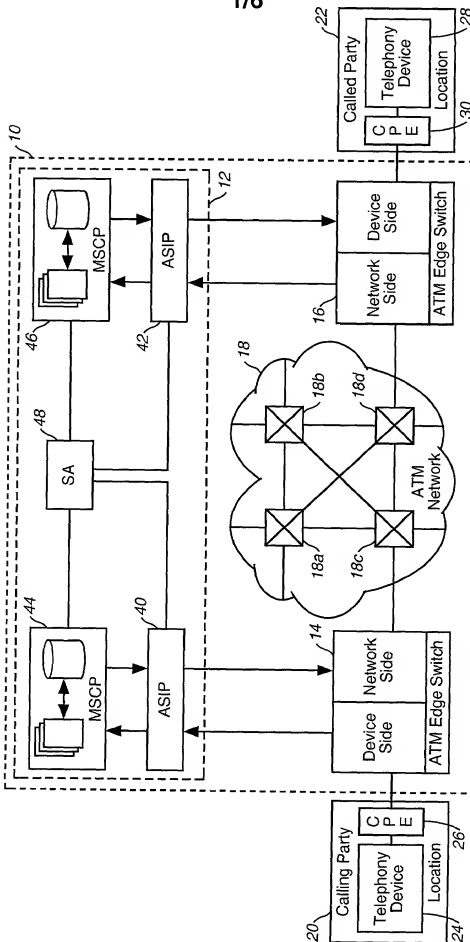Inventor(s):   Hall et al.

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FIG. 2

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Title: Intelligent Network and Method for Providing Voice Telephony over ATM
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Inventor(s):   Hall et al.
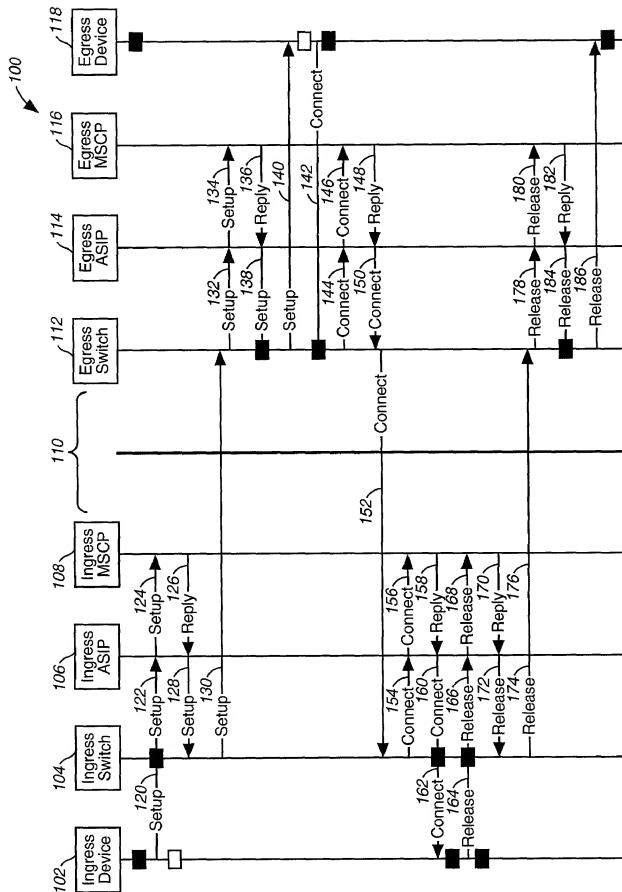
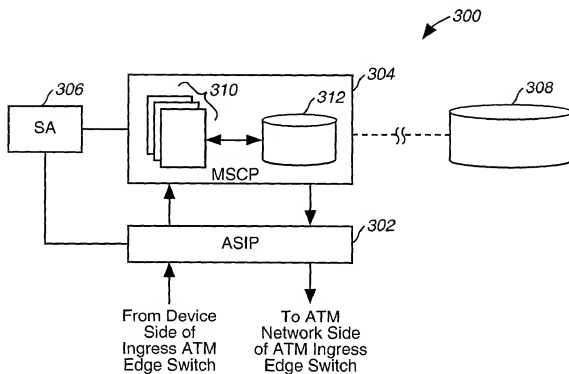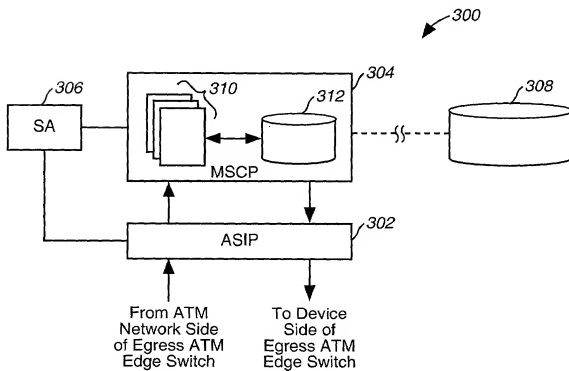Sheets of Drawings: 3   of   6

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FIG. 3

FIG. 4

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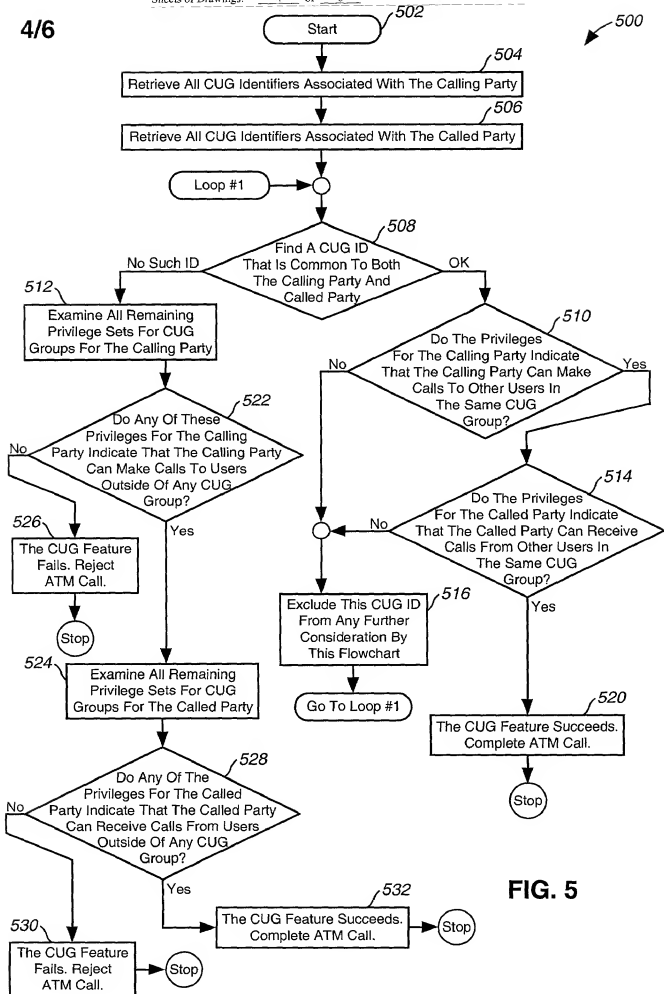
Title: Intelligent Network and Method for Providing Voice Telephony over ATM
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502
Start

500

504
Retrieve All CUG Identifiers Associated With The Calling Party

506
Retrieve All CUG Identifiers Associated With The Called Party

Loop #1

508
Find A CUG ID That Is Common To Both The Calling Party And Called Party

No Such ID

OK

512
Examine All Remaining Privilege Sets For CUG Groups For The Calling Party

510
Do The Privileges For The Calling Party Indicate That The Calling Party Can Make Calls To Other Users In The Same CUG Group?

No

Yes

522
Do Any Of These Privileges For The Calling Party Indicate That The Calling Party Can Make Calls To Users Outside Of Any CUG Group?

No

Yes

514
Do The Privileges For The Called Party Indicate That The Called Party Can Receive Calls From Other Users In The Same CUG Group?

No

Yes

526
The CUG Feature Fails. Reject ATM Call.

Stop

516
Exclude This CUG ID From Any Further Consideration By This Flowchart

Go To Loop #1

520
The CUG Feature Succeeds. Complete ATM Call.

Stop

524
Examine All Remaining Privilege Sets For CUG Groups For The Called Party

528
Do Any Of The Privileges For The Called Party Indicate That The Called Party Can Receive Calls From Users Outside Of Any CUG Group?

No

Yes

530
The CUG Feature Fails. Reject ATM Call.

Stop

532
The CUG Feature Succeeds. Complete ATM Call.

Stop

FIG. 5

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Title: Intelligent Network and Method for Providing Voice Telephony over ATM
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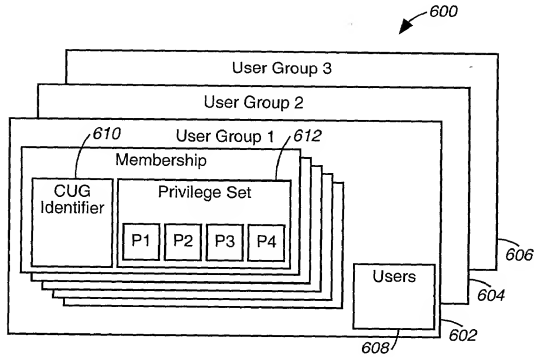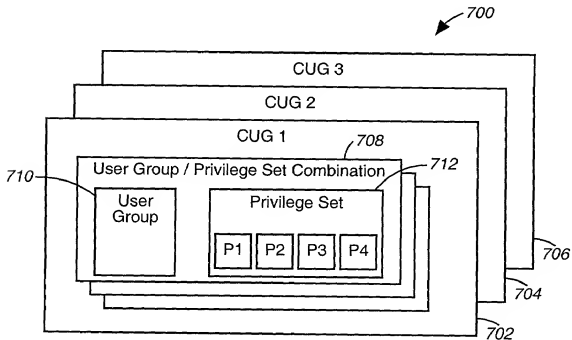
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FIG. 6

FIG. 7

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Title: Intelligent Network and Method for Providing Voice Telephony over ATM
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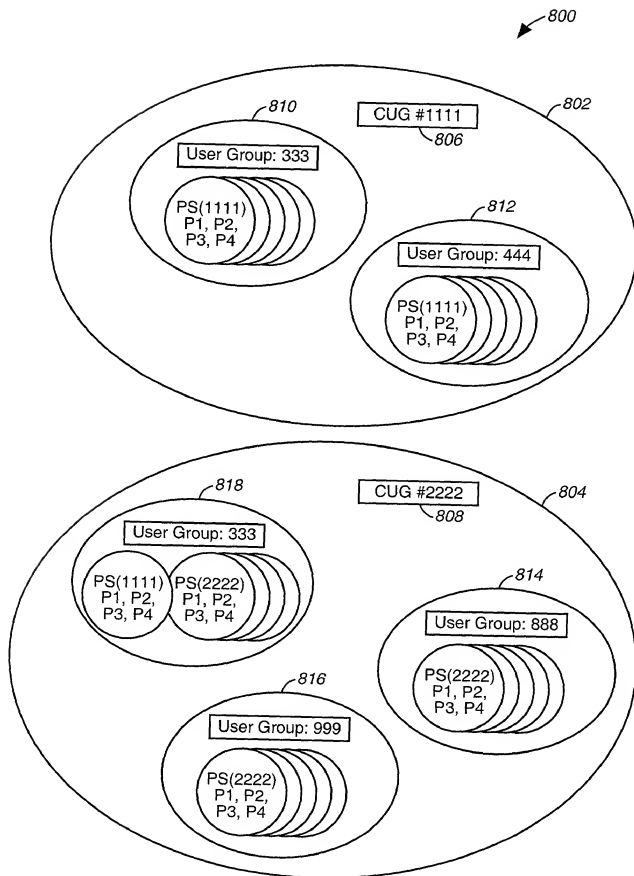
Sheets of Drawings: 6   of   6

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FIG. 8